

12/10

Sheet 1 of 4

12-11-01
100408 U.S. PRO
TRANSMITTAL FORM FOR FILING PATENT APPLICATION

Attorney Docket No.: UNITI-156XX

WEINGARTEN, SCHURGIN, GAGNEBIN & LEOVICI LLP
Ten Post Office Square
Boston, Massachusetts 02109
Telephone: (617) 542-2290
Telecopier: (617) 451-0313

J100408 U.S. PRO
10/11/2001

BOX PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Express Mail No: EV009949574US
Date: December 11, 2001

First Named Inventor or Application
Identifier: Barry J. Male

Sir:

Transmitted herewith under 37 CFR § 1.53 for filing is the patent application of:

Inventor: Barry J. Male

Entitled: **INTEGRATED THERMAL DIFFERENCE SENSOR FOR POWER DISSIPATING DEVICE**

This is a request for filing a [] continuation [] divisional
[] continuation in-part application under §1.53(b) of prior Application
No. _____, filed _____, entitled:

Enclosed are:

12 pages of written description, claims and Abstract, inclusive

4 sheets of informal [] formal drawings of Figs. 1-5 (one set)

Oath or Declaration

Newly executed (original or copy)

Copy from prior application (37 CFR 1.63(d)) (for
continuation/divisional). The entire disclosure of the prior
application, from which a copy of the oath or declaration is supplied,
is considered as being part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.

To be filed later

Cover sheet and Assignment of the invention to: TEXAS INSTRUMENTS
INCORPORATED

Certified copy of a _____ application (if foreign priority
is claimed) with letter claiming priority under Rule 55.

Information Disclosure Statement with ___ citations

Preliminary amendment is enclosed.

Return receipt postcard

Small entity status is entitled to be, and hereby is, asserted for this
application.

Attorney Docket No.: UNITI-156XX

TRANSMITTAL FORM FOR FILING PATENT APPLICATION (CONTINUED) Other: _____ Priority is claimed under 35 USC § 120 as indicated on the attached sheet 4. Priority is claimed under 35 USC §119(a)-(d) as indicated on the attached sheet 4. Priority is claimed under 35 USC §119 (e) as indicated on the attached sheet 4. _____ is hereby appointed Associate Attorney by:
Registration No.:_____
Attorney of Record
Registration No.: Power of Attorney in the originally-filed application has been granted to one or more of the registered attorneys listed below. The attorneys listed below not previously granted power in the originally-filed application, as well as _____, are hereby given associate power:
Registration No.:Stanley M. Schurgin, Reg. No. 20,979
Charles L. Gagnebin III, Reg. No. 25,467
Victor B. Lebovici, Reg. No. 30,864Beverly E. Hjorth, Reg. No. 32,033
Holliday C. Heine, Reg. No. 34,346
Gordon R. Moriarty, Reg. No. 38,973
James F. Thompson, Reg. No. 36,699 Cancel in this application original claims _____ of the prior application before calculating the filing fee. Add in this application claims _____ per amendment before calculating fee.

CLAIMS FILED:	MINUS BASE:	EXTRA CLAIMS:	RATE:	BASIC FEE:
				\$740.00
Independent	2 - 3	= -0-	x \$84.00 =	-0-
Total	12 - 20	= -0-	x \$18.00 =	-0-
[] Multiple Dependent Claims (1st presentation)			+ \$280.00 =	-0-
SUBTOTAL FILING FEE				\$740.00
Small Entity filing, divide by 2. (Small Entity status must be asserted.)				
TOTAL FILING FEE				\$740.00

Attorney Docket No.: UNITI-156XX

TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

The filing fee has been calculated above; a check in the amount of \$740.00 is enclosed.

The filing fee will be submitted at a later date.

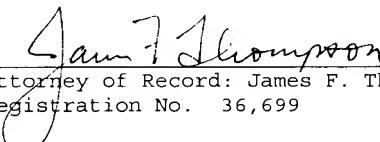
In the event a Petition for Extension of Time under 37 CFR §1.17 is required by this paper and not otherwise provided, such Petition is hereby made and authorization is provided herewith to charge Deposit Account No. 23-0804 for the cost of such extension.

The Commissioner is hereby authorized to charge payment of any additional filing fees under 37 CFR §1.16 associated with this communication or credit any overpayment to Deposit Account No. 23-0804.

Customer Number 207

Address all future communications to:

WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP
Ten Post Office Square
Boston, Massachusetts 02109
Telephone: (617) 542-2290
Telecopier: (617) 451-0313



Attorney of Record: James F. Thompson
Registration No. 36,699

Attorney Docket No.: UNITI-156XX

TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

[] Priority is claimed under 35 USC § 120 of prior Application(s) No. _____, filed _____, entitled:

[] The above-identified application(s) is/are assigned of record to:

[] Priority is claimed under 35 USC § 119 (a)-(d) of the following application(s).

(Application Number) (Country) (Filing Date)

(Application Number) (Country) (Filing Date)

(Application Number) (Country) (Filing Date)

[] The above-identified application(s) is/are assigned of record to:

[] Priority is claimed under 35 USC § 119 (e) of the following provisional application(s).

(Application Number) (Filing Date)

(Application Number) (Filing Date)

(Application Number) (Filing Date)

[] The above-identified provisional application(s) is/are assigned of record to:

SUBMIT IN TRIPPLICATE
JFT/raw 263697-1